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2☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 6☐ Inten	20 and/or 121 since a specific reference was included R 1.78. In to file a reply complying with the requirements noted HIS THREE-MONTH PERIOD IS NOT EXTENDABLE the EXAMINER'S AMENDMENT or NOTICE OF exact or declaration is deficient. If Review (PTO-948) attached In which has been approved by the Examiner. In ment or in the Office action of Paper No. Itten on the drawings in the front (not the back) of to 37 CFR 1.121(d). It MATERIAL must be submitted. Note the

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DETAILED ACTION

Allowable Subject Matter

1. Claims 1-22 are allowed.

The following is an examiner's statement of reasons for allowance:

With respect to claims 1-11 and 21, the prior art alone or in combination does not teach the limitation of an apparatus comprising a quasi 1D dielectric material having a charge or spin density wave state, an electrodes located adjacent portions of the dielectric material.

With respect to claims 12-20 and 22, the prior art alone or in combination does not teach the limitation of an apparatus comprising a quasi 1D dielectric material disposed between an electrodes, wherein the dielectric material having a charge or spin density wave state.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Response to Arguments

2. The applicant has argued that Davis is silent with respect to an apparatus comprising a quasi 1D dielectric material having a charge or spin density wave state. The examiner finds this argument persuasive. Therefore, the examiner made decision to allow this limitation over the prior art of record.

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Conclusion

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3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nguyen T Ha whose telephone number is 703-308-6023. The examiner can normally be reached on Monday-Friday from 8:30AM to 6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dean Reichard can be reached on 703-308-3682. The fax phone numbers for the organization where this application or proceeding is assigned are 703-305-3432 for regular communications and 703-305-3431 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

NH December 19, 2003

ANTHONY DINKINS PRIMARY EXAMINER